This Plastics Product Selection Guide provides a comprehensive listing of the pigments and preparations from DCC® LANSCO for Injection and Blow molding and Film and fibre applications as well as for use in PVC and Engineering resins. The following pages provide a general overview of DCC® LANSCO pigments and preparations indicating their suitability of use in the main fields of plastic applications.

The pigments are grouped into colour shades with all the different solutions provided for a specific colour space including organic and inorganic pigments and preparations. The general suitability of use in application is indicated for each product. DCC® LANSCO strongly suggests testing a sample in your specific resin and manufacturing system to determine your specific suitability.

Some of the data contained in this product selection guide may differ slightly from that on the Technical Data Sheets (TDS) as the respective product TDS is updated immediately following any changes to the data such as updated weatherfastness. The respective product TDS should be used to obtain the most current and detailed data available for a specific product. The data presented in this brochure is intended to make it easier to select suitable pigments or preparations for their intended use.

DCC® LANSCO

DCC® LANSCO and its subsidiary companies together provide colour to the world through the development, manufacturing and marketing of a full range of inorganic and organic colour pigments, pigment preparations and dispersions, as well as some specialty coatings.

Through the unstinting efforts of our employees and partners, DCC® LANSCO strives to excel in fulfilling the needs and expectations of customers in over 75 countries by consistently supplying quality products and services to customers in the plastics, coatings, printing ink, paper and artists colour industries both locally and globally.
<table>
<thead>
<tr>
<th>Product Code</th>
<th>C.I.</th>
<th>Chemistry</th>
<th>DCC Yellow</th>
<th>Resistance Properties</th>
<th>Weatherfastness</th>
<th>Compliance</th>
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<tr>
<td>DCC Yellow 1320</td>
<td>P114</td>
<td>S</td>
<td>Dystylene</td>
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<td>Dystylene</td>
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<td>C.I.</td>
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<td>Carboxyl</td>
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<td>DCC Yellow 1328</td>
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<td>H</td>
<td>Gumophthalone</td>
<td>1.80 32 260</td>
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<td>1.50 20 260</td>
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</tbody>
</table>
### PLASTICS SELECTION GUIDE

**Product Code** | **Chemistry** | **Performance Properties** | **Applications** | **Resistance Properties** | **Weatherfastness** | **Compliance**
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#### ORANGE

- **DCC Orange 6X**
  - Product Code: 6X
  - Chemistry: 6X
  - Performance Properties: 
    - Specific Gravity: 1
    - Oil Absorption: 1
    - Heat Stability: 1
    - Blow Molding: 1
    - Warpage: 1
    - Acid Resistance: 1
    - Alkaline Resistance: 1
    - Weather Resistance: 1
  - Resistance Properties: 
    - Tensile: 1
    - Flex: 1
    - Vic: 1
  - Weatherfastness: 
    - Good: 1
    - Fair: 1
    - Poor: 1
  - Compliance: 
    - 100% Candidate: Yes

- **DCC Orange 7XX**
  - Product Code: 7XX
  - Chemistry: 7XX
  - Performance Properties: 
    - Specific Gravity: 2
    - Oil Absorption: 2
    - Heat Stability: 2
    - Blow Molding: 2
    - Warpage: 2
    - Acid Resistance: 2
    - Alkaline Resistance: 2
    - Weather Resistance: 2
  - Resistance Properties: 
    - Tensile: 2
    - Flex: 2
    - Vic: 2
  - Weatherfastness: 
    - Good: 2
    - Fair: 2
    - Poor: 2
  - Compliance: 
    - 100% Candidate: Yes

#### BLUE SHADE RED/VIOLET

- **DCC Red 27XX**
  - Product Code: 27XX
  - Chemistry: 27XX
  - Performance Properties: 
    - Specific Gravity: 3
    - Oil Absorption: 3
    - Heat Stability: 3
    - Blow Molding: 3
    - Warpage: 3
    - Acid Resistance: 3
    - Alkaline Resistance: 3
    - Weather Resistance: 3
  - Resistance Properties: 
    - Tensile: 3
    - Flex: 3
    - Vic: 3
  - Weatherfastness: 
    - Good: 3
    - Fair: 3
    - Poor: 3
  - Compliance: 
    - 100% Candidate: Yes

- **DCC Red 7XX**
  - Product Code: 7XX
  - Chemistry: 7XX
  - Performance Properties: 
    - Specific Gravity: 4
    - Oil Absorption: 4
    - Heat Stability: 4
    - Blow Molding: 4
    - Warpage: 4
    - Acid Resistance: 4
    - Alkaline Resistance: 4
    - Weather Resistance: 4
  - Resistance Properties: 
    - Tensile: 4
    - Flex: 4
    - Vic: 4
  - Weatherfastness: 
    - Good: 4
    - Fair: 4
    - Poor: 4
  - Compliance: 
    - 100% Candidate: Yes

### LEGEND

**Performance Level**
- H: High
- M: Medium
- S: Standard

**Recommendations**
- F: Frequently Used
- L: Limited Use
- N: Not Normally Used

**Warpage**
- 1: No Warpage
- 2: Some Warpage
- 3: High Warpage

**Resistance**
- E: Excellent
- V: Very Good
- G: Good
- F: Fair
- P: Poor

**Weatherfastness**
- 1: Severe Change in Shade
- 2: Moderate Change in Shade
- 3: No Change in Shade

**Applications**
- B: Building
- F: Furniture
- P: Plastic

**Compliance**
- S: Standard
- C: Candidate
- I: Important

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The information in this handbook is based on extensive testing and application experience and is believed to be a reliable indication of the results that may be expected. However, the data does not constitute a specification for the products, and it is offered only as a guide to performance without guarantee or warranty of any kind. Because of the difficulties of modern colour reproduction, the shades may vary slightly from the final colour application. Since many variables show a strong influence on pigment performance, the users are encouraged to test each product in their own laboratory prior to use. Also, the information provided is subject to change without notice.